

## DECLARATION AND POWER OF ATTORNEY

COPY FROM PARENT

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **HIGH THROUGHPUT SCREENING ASSAY SYSTEMS IN MICROSCALE FLUIDIC DEVICES** the specification of which   X   is attached hereto or        was filed on        as Application No.        and was amended on        (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

## Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
			Yes <u>      </u> No <u>      </u>
			Yes <u>      </u> No <u>      </u>

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
		<u>      </u> Patented <u>      </u> Pending <u>      </u> Abandoned
		<u>      </u> Patented <u>      </u> Pending <u>      </u> Abandoned


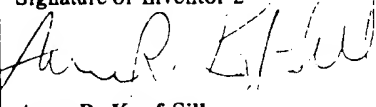
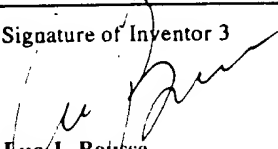
**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

William M. Smith, Reg. No. 30,223  
Matthew B. Murphy, Reg. No. 39,787  
Renee Fitts, Reg. No. 35,136

Send Correspondence to: <b>William M. Smith</b> <b>TOWNSEND and TOWNSEND and CREW LLP</b> <b>Two Embarcadero Center, 8th Floor</b> <b>San Francisco, CA 94111-3834</b>	Direct Telephone Calls to: (Name, Reg. No., Telephone No.)  <b>Name: William M. Smith</b> <b>Reg. No. 30,223</b> <b>Telephone: (415) 326-2400</b>
--	--

Full Name of Inventor 1	Last Name <b>Parce</b>	First Name <b>John</b>	Middle Name or Initial <b>Wallace</b>	
Residence & Citizenship	City <b>Palo Alto</b>	State/Foreign Country <b>California</b>	Country of Citizenship <b>U.S.A.</b>	
Post Office Address	Post Office Address <b>754 Los Robles Avenue</b>	City <b>Palo Alto</b>	State/Country <b>California</b>	Zip Code <b>94304</b>
Full Name of Inventor 2	Last Name <b>Kopf-Sill</b>	First Name <b>Anne</b>	Middle Name or Initial <b>R.</b>	
Residence & Citizenship	City <b>Portola Valley</b>	State/Foreign Country <b>California</b>	Country of Citizenship <b>U.S.A.</b>	
Post Office Address	Post Office Address <b>30 Minoca Road</b>	City <b>Portola Valley</b>	State/Country <b>California</b>	Zip Code <b>94028</b>
Full Name of Inventor 3	Last Name <b>Bousse</b>	First Name <b>Luc</b>	Middle Name or Initial <b>J.</b>	
Residence & Citizenship	City <b>Menlo Park</b>	State/Foreign Country <b>California</b>	Country of Citizenship <b>U.S.A.</b>	
Post Office Address	Post Office Address <b>311 Haight Street</b>	City <b>Menlo Park</b>	State/Country <b>California</b>	Zip Code <b>94025</b>

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1  <b>John Wallace Parce</b>	Signature of Inventor 2  <b>Anne R. Kopf-Sill</b>	Signature of Inventor 3  <b>Luc J. Bousse</b>
Date <b>27 June 1996</b>	Date <b>27 June 1996</b>	Date <b>6/27 1996</b>



1 1046-000400  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JAQ

MAY 12, 1998

PTAS  
TOWNSEND AND TOWNSEND AND CREW LLP  
MATTHEW B. MURPHY  
TWO EMBARCADERO CENTER, 8TH FLOOR  
SAN FRANCISCO, CALIFORNIA 94111-3834



\*100679174A\*

COPY FROM PARENT

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION  
OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS  
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER  
REFERENCED BELOW.

11/22/00  
09/721508  
JC841 U.S. PTO

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE  
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA  
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD  
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY  
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.  
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,  
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/28/1996

REEL/FRAME: 9029/0054  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PARCE, J. WALLACE

DOC DATE: 06/27/1996

ASSIGNOR:

KOPF-GILL, ANNE R.

DOC DATE: 06/27/1996

ASSIGNOR:

BOUSSE, LUC J.

DOC DATE: 06/27/1996

ASSIGNEE:

CALIPER TECHNOLOGIES CORPORATION  
3180 PORTER DRIVE  
PALO ALTO, CALIFORNIA 94304

SERIAL NUMBER: 08671987

FILING DATE: 06/28/1996

PATENT NUMBER:

ISSUE DATE:

67 8 12 31 JUN 95  
11/22/00

9029/0054 PAGE 2

JEEVON JONES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231



\*100679174B\*

AUTHORIZATION TO CHARGE ADDITIONAL FEES TO DEPOSIT ACCOUNT

MAY 12, 1998

TO: OFFICE OF FINANCE  
FROM: ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS  
SUBJECT: DEPOSIT ACCOUNT CHARGE(S)

JC841 U.S. PTO  
09/721508  
11/22/00

CHARGE THE DEPOSIT ACCOUNT LISTED BELOW ADDITIONAL FEE(S) AS INDICATED BELOW. AUTHORIZATION TO CHARGE ADDITIONAL FEES HAS BEEN PROVIDED PER THE ATTACHED COVER SHEET, OR BY DIRECT CONTACT WITH THE CUSTOMER.

DEPOSIT ACCOUNT NUMBER: 20-1430  
PROPERTY NUMBER: 08671987

RECORDING FEES:

FEE CODE: 581 AMOUNT: 40

IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

JEEVON JONES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

TRADEMARK SERVICE FEES:	FEE CODE:
RECORDING FIRST MARK	481
RECORDATION SECOND AND SUBSEQUENT MARK IN SAME DOCUMENT	482
LABOR CHARGES FOR SERVICES PER HOURS OR FRACTION THEREOF	484
UNSPECIFIED OTHER SERVICES	485

PATENT SERVICE FEES:

RECORDING EACH PATENT ASSIGNMENT, 581

AGREEMENT, OTHER PAPER, PER PROPERTY	
LABOR CHARGES FOR SERVICES PER HOUR	584
(\$30) OR FRACTION THEREOF	
UNSPECIFIED OTHER SERVICES	585

05-08-1998

Attorney Docket No. 17G4G-000400US

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark OfficeFORM PTO-1595  
(Rev. 8-93)

100679174

Documents or copy thereof.

To the Honorable Asst. Commissioner for Patents.

1. Name of conveying party(ies):

J. WALLACE PARCE  
ANNE R. KOPF-SILL  
LUC J. BOUSSEMRD  
6-28-96Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Date: June 27, 1996

2. Name and address of receiving party(ies).

Name: CALIPER TECHNOLOGIES CORPORATION

Internal Address:

Street Address: 3180 PORTER DRIVE

City: PALO ALTO State: CALIFORNIA ZIP: 94304

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s).

If this document is being filed together with a new application, the execution date of the application is: June 27, 1996

A. Patent Application No.(s) 08/671,987

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Matthew B. Murphy  
TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8th Floor  
San Francisco, California 94111-3834  
(415) 326-2400

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

- ☐ Enclosed ☒ Charge Fees to Deposit Account  
☒ Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account

8. Deposit account number 20-1430

DO NOT USE THIS SPACE

Charge fee

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Matthew B. Murphy  
Name of Person Signing

Signature

Date

Atty. Reg. No. 39,787

Total number of pages including cover sheet, attachments, and document: 3

10. Change Correspondence Address to that of Part 5? ☒ Yes ☐ No

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required name sheet information to:

Do not detach this portion  
Asst. Commissioner for Patents  
Bus. Administration  
Washington, D.C. 20231PTO  
09/12/1508  
11/22/00

Attorney Docket No. 17646-000400US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, John Wallace Parcc of 754 Los Robles Avenue, Palo Alto, California 94304, Anne R. Kopf-Sill of 30 Minoca Road, Portola Valley, California 94028 and Luc J. Bousse of 311 Haight Street, Menlo Park, California 94025, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letters Patent:

Title of the Invention: **HIGH THROUGHPUT SCREENING ASSAY SYSTEMS IN MICROSCALE FLUIDIC DEVICES**

Date(s) of execution of Declaration: 10/27/96

Filing date: \_\_\_\_\_ Serial No.: \_\_\_\_\_: and

WHEREAS, Caliper Technologies Corporation a Delaware corporation, located at 3180 Porter Drive, Palo Alto, California 94304, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.



IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

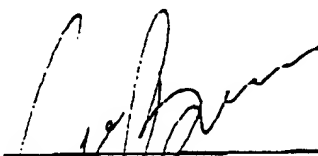
Date: 27/June/1996

  
John Wallace Parce

Date: June 27 1996

  
Anne R. Kopf-Sill

Date: 6/27/96

  
Luc J. Bousse

ASSIGN.MRG 5/94

17646WVA3N